Subject Index Volume 276

Acantholysis 262
Acetaldehyde 265
Acne treatment 209
−, vulgaris 396
Adenylate cyclase 276
AIDS patients 259
Allergy 271
Allograft survival 82
Alopecia areata 257, 333
Amastigotes 133
D-Amino acid oxidase 57
Amyloid 260
Anthralin 265
Antiandrogen 346, 401
Anti-DNA antibodies 186
Anti-dsDNA antibodies 182
Antiendomysium antibodies 293
Anti-hapten antibodies 195
Antinuclear antibodies 297
−, antibody 195
Arachidonate metabolites 243
Arotinoid 262
Arotinoids 275
Arthus reaction 370
Aryl hydrocarbon hydroxylase 105, 254, 269, 270
Atopic dermatitis 36
−, eczema 256
Autoantibodies 65, 195, 293
Autoimmunity 330
Azelaic acid 273

Basement membrane 335
Basophils 126
Bituminosulfonate 235
Blaschko lines 253
Blister formation 255
Blood flow 322
Bowen's disease 123
Boyden chamber 235, 277
Bromocriptine treatment 409
Budd 261
Bullous pemphigoid 126, 330

Calcinosis 91, 205
−, interstitialis 86
Calcium metabolism 91
Cancer predictability 269
Carbohydrate residues 216
Carprofen 255
Carrageenan 96
Cell envelopes 381
−, isolation 246
−, mutation 338
−, surface receptors 390
Cercopithecus aethiops 293
Chamber analytical technique 182
Chemiluminescence 86
Chemoattractants 266
Chemotatic activity 128
Chemotaxins 277
Chemotaxis 69, 235, 243, 265, 266, 269, 277
Chiari syndrome 261
Chlorpheniramine 36
Cholesterol sulfate 364
Cimetidine 36
Circulating immune complexes 195
Coagulation factors 375
Coeliac disease 293
Collagen 269, 335
Complement factors 375
Condylomata acuminata 259, 273
Conglobate acne 209
Connective tissue diseases 182
Contact allergens 257
Contact allergy 272
−, −, by interferon 272
−, dermatitis 178
Corticosteroids 256, 274
Crystals 86
Cutaneous leishmaniasis 133
−, nerve 115
Cyclic AMP 279
−, nucleotides 139
Cystadenoma 170
Cytochrome P-450 243, 254
Cytokeratin polypeptides 349
Cytokeratins 263
Cytotoxicity 261, 263, 279

Dacarbazine 261
Danthron 265
Dapsone therapy 255
Dermal melanin elimination 96
Dermatitis herpetiformis 74, 293
Dermoepidermal junction 229
4′-6-Diamidino-2-phenylindole 41
Dihencyprone 258
7,12-Dimethylbenanthracene 270
Dithranol (Anthralin) 253, 274, 406
DNA 52, 406
−, antibodies 297
−, hybridization 123, 199
−, repair 201
Dopa oxidase 111

Ejaculate 276
ELISA 74, 182, 297
Elastase 370
Electron microscopy 2, 229
Eosinophils 126
Epidermal cells 57, 263, 271
−, growth factor receptor 264
−, markers 246
Epidermiology 151
Epidermis 52, 99, 139, 390
Epidermoid metaplasia 170
Epithelial differentiation 303
Epithelioma 338
Erythema 12
Estrogen binding sites 270
Ethanol 265
Etretinate 102, 264
−, RO 10-9359 99

Fibrinolysis 261, 375
Fibroblast Growth Factor 224
Fibroblasts 52
Fibroepithelioma 349
Filamentous fuzzy coat 170
Fluorometry 52, 105
Freckles 2
Freundlich absorption isotherm 326

Gliadin antibodies 74
Glucose-6-phosphate-dehydrogenase inhibition 406
Glucose tolerance test 410
Glutathione peroxidase 338
Granulation tissues 115
Griseofulvin 41
Growth hormone 147

Hair bulbs 269, 270, 313
Halo naevus 283
Hamster melanoma 111
Hederitary angioneurotic edema 375
Heraditary PCT type 207
HGH 410
−, levels 409
Histamine 126, 260
−, release 275, 317
Histiocytosis X 240
Histopathology 186
HLA-DR 267, 268
HLA typing 275
Homosexuality 259
Human papillomavirus 123, 246, 259, 273
−, 13 199
Hydrocortisone 274
Hydroxyapatite 86
11α-Hydroxyprogesterone 346
17β-Hydroxysteroid dehydrogenase 275
Hyperparathyroidism 91
Hyperplasia 274
Hypersensitivity 272

Ia Antigens 258
ICS antibodies 262
Ichthyol 235, 265
IgE antibodies 271
Imidazole derivatives 133
Immune complexes 45, 71
−, regulation 330
−, response 272
Immunoblastic lymphoma 17
Immunoelectron microscopy 341
Immunogold labelling 27
Immunohistochemistry 283
Immunological memory 82
Immunoperoxidase 102
Immunoregulation 259
Incontinentia pigmenti 96

Indoles 156
Indomethacin 131, 260
Inflammation 235
Intact cell assay 139
Interferon 268, 272
Interleukin 1 263, 267
Interleukin 2 330
Interleukin 3 264
Ixodes dammini 260
–, *ricinus* 260

Keratinocyte proliferation 381
Keratinocytes 2, 128, 258, 263, 264, 276, 349
Keratins 250, 381
Keratoacanthoma 349
Keratohyalin granule 381
Kinin systems 375

Laminin 335
Langerhans cells 2, 27, 102, 240, 283, 288, 333
Laser-Doppler 322
Laser technique 277
Laurus nobilis 178
Lectins 216, 277
Leishmania major 133
–, *mexicana amazonensis* 133
Lentigo simplex 283
Lepromatous leprosy 195
Leukocytes 105, 254, 266
Leukotriene B_4 128, 243, 264
Lichen planus 260
–, ruber planus 69
Lindane binding 326
Lipoma 264
Liposarcoma 264
Lipoxygenase 128, 243, 266, 275
Lupus erythematosus 186, 255
Ly 5-positive cells 257
Lymphocytes 203
Lymphocyte subclasses 102
Lysozyme 240

Macrophages 96, 272
Malignant melanoma 151, 156, 268
Mast cell activation 126
–, cells 260
Melanocytes 2, 240
Melanoma 273
–, cells 267, 268, 269, 273
–, tissues 160
Melanoma cell B-16 165
Melanom cells 267
Melanotic urine 156
Membrane preparation 276
–, transport 165
Metastases 267, 269, 273
Methyl xanthines 254
8-Methoxypsoralen 12, 82
Metyrapone 243, 266
Mitogens 139
Mitosis 151, 269
Monoclonal antibodies 27, 33, 268, 333
–, antibody D 47 341
Monocytes 279
Mono-hydroxyeisosatetraenoic acid 264
Mononuclear cells 266, 267
Monoxygenase 266
8-MOP Dosage forms 343
Morbus Heck 199
Morphoea 135
Morphometry 303
MRL/l mice 186
MRL mice 229
Mycosis fungoides 258, 261

Natural killer cells 268
NCA protein 240
Neurofibromatosis 335
Neutrophils 41, 235, 265, 277
Non-X histiocytosis 240
Nude mice 78, 288

Ornithine decarboxylase 99, 139

Panning enrichment 27
Parathyroid hormone 91
Pemphigus vulgaris 262
Penis 170
Peridermlike cells 170
Phagocytes 86, 265
Phenidon 266, 275
Phenotyping 258
Photochemotherapy (PUVA) 2
Photodermatosis 255
Photoprotection 131
Photosensitivity 255
Pigmentation 135, 275
Pigment-cell lesions 283
Polyamine levels 99
Polymorphic eruption of pregnancy 71
Polymorphonuclear leukocyte migration 41
–, leukocytes 69, 277, 370
Polypeptides 263
Porokeratosis 254
Porphyria cutanea tarda 207
Porphyrin production 396
Prekeratin 260
Progesterone 346, 401
Proliferating trichilemmal cyst 250
Propionibacterium acnes 396
Protease inhibitors 375
Protein S-100 240
S-100 Protein 160
Proteohormone α-MSH 275
Proteuria 186
Pruritus 36
Psoriasis 105, 147, 266, 297, 338, 409, 410
–, vulgaris 33, 45, 102, 271, 275
Psoriatic scales 45
PUVA therapy 254, 260, 343

Radioimmunoassay 160
Raynaud's phenomenon 279
REM Syndrome 203
Retainer cells 303
Retinoic acid 201
13-*cis*-Retinoic acid 209
Retinoids 381
Retinoid therapy 2
Retinol-binding protein 390
Rheumatic factor binding assay 71
Rough endoplasmic reticulum 303

Schwann's cell 115
Scleroderma 135, 205, 255, 322
–, fibroblasts 224
Sebaceous glands 346, 401
Seborrhoea 209
Seminal plasma 276
Serum 111
–, levels 343
–, lipids 209
Sesquiterpene lactones 178
Sezary syndrome 17, 258, 261
(S)Hydroxyceicosatetraenoic acid 128
Shale oil extract 235, 265
Skin biopsies 216
–, capacity 326
–, coagulating effect 277
–, elasticity 269
–, explants 288
–, grafts 78, 288
–, graft survival 82
–, pathogenesis 229
–, temperature regulation 317
–, thickness 135, 269
–, tumors 263, 349
Spirochetosis 260
Spironolactone 255
Stereology 78
Steroid excretion 364
Steroids 254
Subcorneal pustular dermatosis 65
Sulphate conjugates 156
Sunprotection 260
Superoxide dismutase 338
Sweat glands 341
Systemic sclerosis 91

Tachyphylaxis 256
Tar 253
T-cell response 263
–, lymphoma 258, 262
–, leukemia/lymphoma 17
T cells 271
Teratology 275
Testosterone 401
Tetradecanoyl phorbol acetate 139
Theophylline 165
Thormählen reaction 156
Thy-1-positive epidermal cells 256, 257
Thymidine incorporation 406
Thymocyte activating factor 263, 264, 267
Thymocytes 186
Tissue culture 390
–, cultures 57
T-lymphocyte subsets 33
α-Tocopherol 12
Treatment 36
Tubular inclusions 203
Tumor 250
–, prophylaxis 201
–, site 151
Tyrosinase 270
–, isozymes 111
Tyrosine 165
–, uptake 313

Ultrasound 135
Ultrastructure 170, 229, 341

Uroporphyrinogen decarboxylase 207
Urticaria 317, 375
–, pigmentosa 260
UV-irradiation 131, 201, 260, 274
UV-phototherapie 297
UV-radiation 82

Vasculitis 262
Venoms 271
Vitamin A 390
Vitamin D 205

Warts 246

X-chromosome 253
Xenon washout technique 322
Xeroderma pigmentosum 201
X-linked ichthyosis 364

Contents Volume 276

Original Contributions

Abijev GA, see Potapenko AYa, et al. 12
Alroy J, see Schaumburg-Lever G, et al. 216
Anderegg M, see Bruengger A, et al. 78
Arab-Kermani V, see Razzaque Ahmed A, et al. 330
Artmann K, see Bork K, et al. 375

Bäck O, see Bandmann U, et al. 41
Bandmann U, Bäck O, Norberg B: The Effect of an Oral Therapeutic Single-Dose of Griseofulvin on Polymorphonuclear Leukocyte Migration in a Casein Gradient 41
Barnetson RStC, see Kieffer M, et al. 74
Beck J, see Kasp-Grochowska E, et al. 71
Benes P, see Bork K, et al. 375
Benezra C, see Cheminat A, et al. 178
Beutner EH, see Kumar V, et al. 293
Black MM, see Kasp-Grochowska E, et al. 71
Blackwell JN, see Kieffer M, et al. 74
Böckers M, see Bork K, et al. 375
Bork K, Witzke G, Artmann K, Benes P, Böckers M, Kreuz W: Interaction Between C1-INA, Coagulation, Fibrinolysis and Kinin System in Hereditary Angioneurotic Edema (HANE) and Urticaria 375
Boverhof R, see Pavel S, et al. 156
Braun-Falco O, see Kaudewitz P, et al. 33
Bruengger A, Heilbronner R, Anderegg M, Hubler M, Rohr HP: Human Skin Grafts on Nude Athymic Mice: A Light Microscopic Stereological Study 78
Bucks D, see Menczel E, et al. 326

Cheminat A, Stampf J-L, Benezra C: Allergic Contact Dermatitis to Laurel (*Laurus nobilis L.*): Isolation and Identification of Haptens 178
Chorzelski TP, see Kumar V, et al. 293
Czarnielewski J, Demarchez M, Prunieras M: Human Langerhans Cells in Epidermal Cell Culture, In Vitro Skin Explants and Skin Grafts onto "Nude" Mice . . 288

Demarchez M, see Czarnielewski J, et al. 288
Desmet VJ, see Facchetti F, et al. 283
Dezutter-Dambuyant C, see Schmitt D, et al. 27
Duchoň J, see Vachtenheim J, et al. 111
de Greef H, see Facchetti F, et al. 283
de Weger RA, see van der Putte SCJ, et al. 17
de Wolf-Peeters C, see Facchetti F, et al. 283

Eggert J, see Herlin T, et al. 279
El Baze P, Milano G, Verrando P, Renee N, Ortonne JP: Response of Epidermal Polyamines to Orally Administered Aromatic Retinoid RO 10-9359 99
Ermolayev AV, see Potapenko AYa, et al. 12
Evstigneeva RP, see Potapenko AYa, et al. 12

Facchetti F, de Wolf-Peeters C, de Greef H, Desmet VJ: Langerhans Cells in Various Benign and Malignant Pigment-Cell Lesions of the Skin 283
Faure M, see Schmitt D, et al. 27
Fräki JE, see Neittaanmäki H, et al. 317
Franke WW, see Moll R, et al. 349
Frosch PJ, Schwanitz HJ, Macher E: A Double Blind Trial of H_1 and H_2 Receptor Antagonists in the Treatment of Atopic Dermatitis 36
Furukawa F, Ohshio G, Ozaki M, Hamashima Y: Antihapten Antibodies and Autoantibodies in Japanese Patients with Lepromatous Leprosy 195
Furukawa F, see Horiguchi Y, et al. 229
Furukawa F, Tanaka H, Sekita K, Nakamura T, Horiguchi Y, Hamashima Y: Dermatopathological Studies on Skin Lesions of MRL Mice 186

Galosi A, see Kaudewitz P, et al. 33
Gawkrodger DJ, see Priestley GC, et al. 147
Gelboin HV, see Kraemer KH, et al. 105
Gohari K, White FH: A Morphometric Study of Alterations in Rough Endoplasmic Reticulum During Differentiation in Stratified Squamous Epithelium . . 303
Going SM, see Priestley GC, et al. 147
Grimm H, see Leipold B, et al. 297
Grundmann H, see Meyer J Ch 52
Gruner S, Meffert H, Karasek E, Sönnichsen N: Prolongation of Skin Graft Survival in Mice by in vitro PUVA Treatment and Failure of Induction of Specific Immunological Memory by PUVA-Treated Grafts 82

Hagdrup HK, see Serup J 91
Hamanaka K, Toki N, Tsushima H, Takasugi S: Studies on the Role of Polymorphonuclear Leukocyte Granule Elastase in Arthus Reaction 370
Hamashima Y, see Furukawa F, et al. 186, 195
Hamashima Y, see Horiguchi Y, et al. 229
Heilbronner R, see Bruengger A, et al. 78
Hennes R, Mack A, Schell H, Vogt HJ: 13-*cis*-Retinoic Acid in Conglobate Acne. A Follow-up Study of 14 Trial Centers 209
Herlin T, Eggert J, Kragballe K, Zachariae H: Abnormal Monocyte Cytotoxicity and Cyclic-AMP Levels in Systemic Sclerosis 279
Hijri K, see Razzaque Ahmed A, et al. 330
Holmes RC, see Kasp-Grochowska E, et al. 71
Horiguchi Y, Furukawa F, Hamashima Y, Imamura, S.: Ultrastructural Observations of Skin Lesions in MRL Mice – Dermoepidermal Junction 229
Horiguchi Y, see Furukawa F, et al. 186
Hubler M, see Bruengger A, et al. 78
Hunter JAA, see Priestley GC, et al. 147

Imamura S, see Horiguchi Y, et al. 229
Ishii Y, see Yambe H, et al. 160
Isobe T, see Yambe H, et al. 160

Jacobsen NO, see Jensen PKA 57
Jensen PKA, Jacobsen NO: Studies of D-Amino Acid Oxidase Activity in Human Epidermis and Cultured Human Epidermal Cells 57
Johnsson A, see Kjeldstad B, et al. 396

Kaneko F, Muramatsu R, Takahashi Y, Miura Y: Extractable Immune Complex in Soluble Substances from Psoriatic Scales 45
Kanerva L, Niemi K-M, Lauharanta J: A Semiquantitative Light and Electron Microscopic Analysis of Histopathologic Changes in Photochemotherapy-Induced Freckles 2
Kanerva L, see Ranki A, et al. 102
Karasek E, see Gruner S, et al. 82
Karjalainen S, see Neittaanmäki H, et al. 317
Kasp-Grochowska E, Beck J, Holmes RC, Black MM, Timlin D: The Role of Circulating Immune Complexes in the Aetiology of Polymorphic Eruption of Pregnancy 71
Katayama I, see Nishioka K, et al. 224

Kaudewitz P, Braun-Falco O, Kind P, Galosi A, Rieber P, Riethmüller G: Distribution of T-Cell Subsets as Defined by Monoclonal Antibodies in Skin Lesions of Psoriasis Vulgaris 33
Keil H, see Kuehnl-Petzoldt C. 151
Kieffer M, Barnetson RStC, Blackwell JN: Sequential Studies of Gliadin Antibodies in Patients with Dermatitis Herpetiformis 74
Kiistala U, see Neittaanmäki H, et al. 317
Kikuchi K, see Yambe H, et al. 160
Kind P, see Kaudewitz P, et al. 33
King RA, Olds DP: Tyrosine Uptake in Normal and Albino Hairbulbs 313
Kjeldstad B, Johnsson A, Sandberg S: Influence of pH on Porphyrin Production in *Propionibacterium acnes* . . 396
Kobayashi Y, see Nishioka K, et al. 224
Kownatzki E, Uhrich S, Schöpf E: The Effect of a Sulfonated Shale Oil Extract (Ichthyol) on the Migration of Human Neutrophilic Granulocytes in vitro 235
Kraemer KH, Robinson RC, Tarone RE, Protic-Sabljic M, Gelboin HV: Alterations in Leukocyte Aryl Hydrocarbon Hydroxylase Activity Associated with Treatment and Age in Psoriasis Patients and Healthy Individuals 105
Kragballe K, see Herlin T, et al. 279
Kreuz W, see Bork K, et al. 375
Kristensen JK, see Serup J 322
Kuehnl-Petzoldt C, Keil H, Schoepf E: Prognostic Significance of the Patient's Sex, Tumor Site, and Mitotic Rate in Thin (≤ 1.5 mm) Melanoma 151
Kumar V, Beutner EH, Chorzelski TP: Distribution of Monkey Esophagus Antigens Reactive with IgA-Class Antibodies in the Sera of Dermatitis Hepetiformis Patients 293

Lauharanta J, see Kanerva L, et al. 2
Lauharanta J, see Ranki A, et al. 102
Leipold B, Grimm H, Vogt HJ, Remy W: Effect of Selective Ultraviolet Phototherapy on DNA and Antinuclear Titers in Psoriatic Patients 297
Lever WF, see Schaumburg-Lever G, et al. 216

Macher E, see Frosch PJ, et al. 36
Mack A, see Hennes R, et al. 209
Madison K, see Marcelo CL 381
Maibach H, see Menczel E, et al. 326
Malloy V, see Orentreich N, et al. 401
Marcelo CL, Madison K: Regulation of the Expression of Epidermal Keratinocyte Proliferation and Differentiation by Vitamin A Analogs 381
Marcelo CL, see Roseeuw DI, et al. 139
Marinkovic-Ilsen A, van den Ende A, Wolthers BG: Excretion of (Sulfated) Steroids in the Urine and Excretion of Cholesterol Sulfate in the Feces of Boys with Recessive X-Linked Ichthyosis 364
Marsch WCh: Epidermoid Metaplasia in Apocrine Cystadenoma of the Penis. An Ultrastructural Analysis 170
Matias JR, see Orentreich N, et al. 401
Matouš B, see Vachtenheim J, et al. 111
Meffert H, see Gruner S, et al. 82
Menczel E, Bucks D, Maibach H, Wester R: Lindane Binding to Sections of Human Skin: Skin Capacity and Isotherm Determinations 326
Meyer JCh, Grundmann H: Fluorometric Determination of DNA Epidermis and Cultured Fibroblasts, Using 4'-6-Diamidino-2-Phenylindole (DAPI) 52
Mihara M: Regenerated Cutaneous Nerves in Human Epidermal and Subepidermal Regions. An Electron Microscopy Study 115
Milano G, see El Baze P, et al. 99
Miura Y, see Kaneko F, et al. 45
Moll I, see Moll R, et al. 349
Moll R, Moll I, Franke WW: Differences of Expression of Cytokeratin Polypeptides in Various Epithelial Skin Tumors 349
Muramatsu R, see Kaneko F, et al. 45

Nakamura T, see Furukawa F, et al. 186
Neittaanmäki H, Karjalainen S, Fräki JE, Kiistala U: Suction Blister Device with Regulation of Temperature: Demonstration of Histamine Release and Temperature Change in Cold Urticaria 317
Niemi K-M, see Kanerva L, et al. 2
Nishioka K, Kobayashi Y, Katayama I, Sano S: Reduced Response of Scleroderma Fibroblasts to Fibroblast Growth Factor 224
Norberg B, see Bandmann U, et al. 41

Ohshio G, see Furukawa F, et al. 195
Olds DP, see King RA 313
Orentreich N, Matias JR, Malloy V: The Local Antiandrogenic Effect of the Intracutaneous Injection of Progesterone in the Flank Organ of Sexually Mature Male Syrian Golden Hamster 401
Ortonne JP, see El Baze P, et al. 99
Ozaki M, see Furukawa F, et al. 195

Pavel S, Boverhof R, van der Slik W: Identification of Thormählen-Positive Compound "B" in Urine of Patients with Malignant Melanoma 156
Pistov MYu, see Potapenko AYa, et al. 12
Pliquett F, see Potapenko AYa, et al. 12
Potapenko AYa, Abijev GA, Pistov MYu, Roshchupkin DI, Vladimirov YuA, Pliquett F, Ermolayev AV, Sarycheva IK, Evstigneeva RP: PUVA-Induced Erythema and Changes in Mechanoelectrical Properties of Skin. Inhibition by Tocopherols 12
Priestley GC, Gawkrodger DJ, Seth J, Going SM, Hunter JAA: Growth Hormone Levels in Psoriasis 147
Protic-Sabljic M, see Kraemer KH, et al. 105
Prunieras M, see Czarnielewski J, et al. 288

Ranki A, Lauharanta J, Kanerva L: Effect of Etretinate on the Distribution of Langerhans Cells and T-Lymphocytes in Psoriatic Skin 102
Razzaque Ahmed A, Hijri K, Arab-Kermani V: Interleukin-2 Production in Bullous Pemphigoid 330
Remy W, see Leipold B, et al. 297
Renee N, see El Baze P, et al. 99
Rieber P, see Kaudewitz P, et al. 33
Riethmüller G, see Kaudewitz P, et al. 33
Robinson RC, see Kraemer KH, et al. 105
Rohr HP, see Bruengger A, et al. 78
Roseeuw DI, Marcelo CL, Voorhees JJ: Magnitude of Ornithine Decarboxylase Induction by Epidermal Mitogens: Effect of the Assay Technique 139
Roshchupkin DI, see Potapenko AYa, et al. 12

Saga K, Shimojo T: Effect of Theophylline on the Transport of Tyrosine in Cultured B-16 Mouse Melanoma Cells 165
Sandberg S, see Kjeldstad B, et al. 396
Sano S, see Nishioka K, et al. 224
Sarycheva IK, see Potapenko AYa, et al. 12
Schaumburg-Lever G, Alroy J, Ucci A, Lever WF: Distribution of Carbohydrate Residues in Normal Skin 216

Schell H, see Hennes R, et al. 209
Schmitt D, Faure M, Dezutter-Dambuyant C, Tuffery D: Ultrastructural Immunogold Labelling of Human Langerhans Cells Enriched Epidermal Cell Suspension 27
Schöpf E, see Kownatzki E, et al. 235
Schoepf E, see Kuehnl-Petzoldt C, et al. 151
Schopf RE: Crystal-Phagocyte Interaction in Calcinosis Interstitialis 86
Schwanitz HJ, see Frosch PJ, et al. 36
Seiji M†, see Takematsu H 96
Sekita K, see Furukawa F, et al. 186
Serup J, Hagdrup HK: Parathyroid Hormone and Calcium Metabolism in Generalized Scleroderma. Increased PTH Level and Secondary Hyperparathyroidism in Patients with Aberrant Calcifications. Prophylactic Treatment of Calcinosis 91
Serup J, Kristensen JK: Blood Flow of Morphea Plaques as Measured by Laser-Doppler Flowmetry 322
Seth J, see Priestley GC, et al. 147
Shimojo T, see Saga K, ... 165
Sönnichsen N, see Gruner S, et al. 82
Stampf J-L, see Cheminat A, et al. 178
Steigleder GK: In memoriam Oscar Gans, 1888–1983 . 1

Tabuchi K, see Yambe H, et al. 160
Takahashi Y, see Kaneko F, et al. 45
Takasugi S, see Hamanaka K, et al. 370
Takematsu H, Seiji M†: Effect of Macrophages on Elimination of Dermal Melanin from the Dermis 96
Tanaka H, see Furukawa F, et al. 186
Tarone RE, see Kraemer KH, et al. 105
Timlin D, see Kasp-Grochowska E, et al. 71
Törmä H, Vahlquist A: Vitamin A Uptake by Human Skin In Vitro 390
Toki N, see Hamanaka K, et al. 370
Toonstra J, see van der Putte SCJ, et al. 17
Tsushima H, see Hamanaka K, et al. 370
Tuffery D, see Schmitt D, et al. 27

Ucci A, see Schaumburg-Lever G, et al. 216
Uhrich S, see Kownatzki E, et al. 235

Vachtenheim J, Duchoň J, Matouš B: An Animal Model for the Survival of Tyrosinase Isozymes in Serum . . 111
Vahlquist A, see Törmä H 390
Verrando P, see El Baze P, et al. 99
Vladimirov YuA, see Potapenko AYa, et al. 12
Vogt HJ, see Hennes R, et al. 209
Vogt HJ, see Leipold B, et al. 297
Voorhees JJ, see Roseeuw DI, et al. 139
van den Ende A, see Marinkovic-Ilsen A, et al. 364
van der Putte SCJ, Toonstra J, van Prooyen HC, de Weger RA, Unnik JAM van: Sézary Syndrome with Early Immunoblastic Transformation 17
van der Slik W, see Pavel S, et al. 156
van Prooyen HC, see van der Putte SCJ, et al. 17
van Unnik JAM, see van der Putte SCJ, et al. 17

Wester R, see Menczel E, et al. 326
White FH, see Gohari K 303
Witzke G, see Bork K, et al. 375
Wollina U: Antibodies to dsDNA in Connective Tissue Diseases Measured by Ultramicro Enzyme-Linked Immunosorbent Assay (ELISA) Adapted to the Chamber Analytical Technique (CAT) 182
Wolthers BG, see Marinkovic-Ilsen A, et al. 364

Yambe H, Ishii Y, Tabuchi K, Isobe T, Kikuchi, K.: Detection of S-100 Protein in Melanocytic and Neurogenic Cutaneous Tumors 160

Zachariae H, see Herlin T, et al. 279

Short Communications

Aiba S, see Hosokawa M, et al. 250

Bartoli GM, see Borrello S, et al. 338
Beauve P, see Chardonnet Y, et al. 246
Berg PA, see Schieferstein G, et al. 65
Bolsen K, see Czarnetzki BM, et al. 243
Borrello S, Seccia A, Galeotti T, Bartoli GM, Farallo E, Serri F: Protective Enzymes in Human Epidermal Carcinomas and Psoriasis 338
Brattig N, see Schieferstein G, et al. 65

Chardonnet Y, Viac J, Beauve P, Thivolet J: Comparative Investigation of Epidermal Markers on Cells Freshly Isolated from Normal and Wart Epidermis 246
Cormane RH, see Siddiqui AH, et al. 343
Czarnetzki BM, Goerz G, Bolsen K, Merk H: Cytochrome P-450-Dependent Production of Chemotactic Arachidonate Metabolites from Human Neurophils 243
Czarnetzki BM, see Grabbe J, et al. 128

Dacróczy J, Feldmann J: Tubular Inclusions of the Circulating Blood Lymphocytes in the REM Syndrome 203
De Feo III CP, see Matias JR, et al. 346
Djawari D, see Simon M Jr 69
Doi T, see Katayama I, et al. 126
Dopfer R, see Schieferstein G, et al. 65

El-On J, see Weinrauch L, et al. 133

Farallo E, see Borrello S, et al. 338
Feldmann J, see Dacróczy J 203

Galeotti T, see Borrello S, et al. 338
Gissmann L, see Syrjänen S, et al. 199
Goerz G, see Czarnetzki BM, et al. 243
Grabbe J, Czarnetzki BM, Mardin M: Release of Lipoxygenase Products of Arachidonic Acid from Freshly Isolated Human Keratinocytes 128
Gschnait F, Schwarz Th, Seiser A: Topical Indomethacin Protects from UVB and UVA Irradiation 131

Hagdrup HK, see Serup J 205
Haneke E, see Pfister H 123
Happle R, see Wiesner-Menzel L 333
Higaki M, see Morishima T, et al. 240
Hosokawa M, Rokugo S, Aiba S, Igarashi M, Tagami H: Biochemical Characteristics of Keratins from Proliferating Trichilemmal Cyst 250

Igarashi M, see Hosokawa M, et al. 250
Ikenberg H, see Syrjänen S, et al. 199

Jacobs GP, see Weinrauch L, et al. 133
Jaspers NGJ, see van Voorst Vader PC, et al. 201

Kanitakis J, Schmitt D, Mauduit G, Thivolet J: Immunoelectron Microscopic Demonstration of D47 Antigen on Isolated Human Eccrine Sweat Glands . 341

Katayama I, Doi T, Nishioka K: High Histamine Level in the Blister Fluid of Bullous Pemphigoid 126
Krieg Th, see Weber L 335

Lamberg M, see Syrjänen S, et al. 199
Livshin R, see Weinrauch L, et al. 133

Malloy V, see Matias JR, et al. 346
Mardin M, see Grabbe J, et al. 128
Matias JR, Orentreich N, Malloy V, De Feo III CP, Matias L: The Lack of Effect of 11 α-Hydroxyprogesterone on the Flank-Organ and Ear Sebaceous Glands of Adult Male Syrian Golden Hamsters 346
Matias L, see Matias JR, et al. 346
Mauduit G, see Kanitakis J, et al. 341
Merk H, see Czarnetzki BM, et al. 243
Morishima T, Shimura T, Higaki M, Ochiai T, Watanabe S: An Immunoperoxidase Study of S-100 Protein, Lysozyme and NCA Protein Distribution in Histiocytosis X and Allied Disorders 240

Nishioka K, see Katayama I, et al. 126

Ochiai T, see Morishima T, et al. 240
Orentreich N, see Matias JR, et al. 346

Pfister H, Haneke E: Demonstration of Human Papilloma Virus Type 2 DNA in Bowen's Disease 123
Plumier E, Wappes B, Wiegrebe W: Incorporation of ^{3}H-Thymidine into DNA: Inhibition by Dithranol and its Di-and Triacetate 406

Rokugo S, see Hosokawa M, et al. 250

Schieferstein G, Brattig N, Berg PA, Dopfer R: Subcorneal Pustular Dermatosis of Sneddon-Wilkinson. A Long-Term Immunologic Case Study 65
Schmitt D, see Kanitakis J, et al. 341
Schwarz Th, see Gschnait F, et al. 131
Seccia A, see Borrello S, et al. 338
Seiser A, see Gschnait F, et al. 131
Serri F, see Borrello S, et al. 338
Serup J, Hagdrup HK: Increased 1,25-Dihydroxyvitamin D in Patients with Generalized Scleroderma and *no* Aberrant Calcifications 205
Serup J: Decreased Skin Thickness of Pigmented Spots Appearing in Localized Scleroderma (Morphoea). Measurement of Skin Thickness by 15 MHz Pulsed Ultrasound 135
Shimura T, see Morishima T, et al. 240
Siddiqui AH, Stolk LML, Cormane RH: Comparison of Serum Levels and Clinical Results of PUVA Therapy with Three Different Dosage Forms of 8-Methoxypsoralen 343
Simon M Jr, Djawari D: Study of Microphage Functions in Lichen Ruber Planus 69
Stolk LML, see Siddiqui AH, et al. 343
Syrjänen K, see Syrjänen S, et al. 199
Syrjänen S, Syrjänen K, Ikenberg H, Gissmann L, Lamberg M: A Human Papillomavirus Closely Related to HPV 13 Found in a Focal Epithelial Hyperplasia Lesion (Heck Disease) 199
Tagami H, see Hosokawa M, et al. 250
Thivolet J, see Chardonnet Y, et al. 246
Thivolet J, see Kanitakis J, et al. 341
van der Kamp AWM, see van Voorst Vader PC, et al. . 201
van Voorst Vader PC, Jaspers NGJ, van der Kamp AWM: Retinoic Acid and Defective UV Light Induced DNA Excision Repair in Xeroderma Pigmentosum: Absence of Ameliorating Effect 201
Viac J, see Chardonnet Y, et al. 246

Wappes B, see Plumier E, et al. 406
Watanabe S, see Morishima T, et al. 240
Weber L, Krieg Th: Basement Membrane Components in Cutaneous Neurofibroma of von Recklinghausen's Disease 335
Weinrauch L, Livshin R, Jacobs GP, El-On J: Cutaneous Leishmaniasis: Failure of Tropical Treatment with Imidazole Derivatives in Laboratory Animals and Man 133
Wiegrebe W, see Plumier E, et al. 406

Wiesner-Menzel L, Happle R.: Intrabulbar and Peribulbar Accumulation of Dendritic OKT6-Positive Cells in Alopecia Areata 333

Abstract

Arbeitsgemeinschaft Dermatologischer Forschung (ADF) *in Cooperation with „Deutsche Dermatologische Gesellschaft"*. XI. Annual Meeting, November 11–13, 1983, Kiel, FRG 253

Letter to the Editor

Doss M, Sauer H, Sixel-Dietrich F, Tiepermann R von: Different Types of Porphyria Cutanea Tarda 207

Frey H, see Weber G, et al. 409

Neidhardt M, see Weber G, et al. 409

Sauer H, see Doss M, et al. 207
Sixel-Dietrich F, see Doss M, et al. 207

Tiepermann R von, see Doss M, et al. 207

Weber G, Frey H, Neidhardt: Comments on the Contribution by R. M. MacKie et al. 409

Subject Index 411

Indexed in Current Contens